NOT FOR PUBLICATION

SOUTHWESTERN PINE BEETLE INFESTATION

CHARLESTON MOUNTAIN
TOIYABE NATIONAL FOREST
NEVADA

RECONNAISSANCE SURVEY
1957

By

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The annual reconnaissance survey was conducted on the Charleston Mountain area during the first week of December, 1957. The survey was conducted to determine the present status of the southwestern pine beetle, Dendroctonus barberi (Hopk.), and to evaluate the results of the control action.

Two trained men scouted the areas involved and estimated the total number of infested trees. There are approximately 50 infested trees within Deer Creek, 100 in Kyle, 150 in Lee Canyon and 200 around the Bonanza Boy Scout Camp. The latter is an area that has been added to those previously surveyed because of attacks that developed during the year.

During 1957, 500 trees were treated within the first three areas, thus somewhat of a reduction in the number of infested trees was obtained. Because several broods develop each season continuous scouting and treating is carried on during the active season. Only 140 trees were treatee around the Bonanza Boy Scout Camp. The treating in this area was curtailed before the job was completed due to lack of funds. In spite of this fact, the over-all results of the control project were quite satisfactory.

Control measures should be continued in 1958 to further reduce the bark beetle population. Based on the reconnaissance survey it will be necessary to treat approximately 500 trees using the same methods as were applied in 1957.